

DEC 15 2004

PTO/SB/21 (05-03)

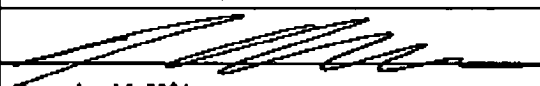
Approved for use through 04/30/2003. OMB 0651-0031


Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

|                                                                                                                                         |   |                        |                     |
|-----------------------------------------------------------------------------------------------------------------------------------------|---|------------------------|---------------------|
| <b>TRANSMITTAL FORM</b><br><i>(to be used for all correspondence after initial filing)</i><br><br><b>VIA FACSIMILE - (703) 872-9306</b> |   | Application Number     | 10/760,090          |
|                                                                                                                                         |   | Filing Date            | January 15, 2004    |
|                                                                                                                                         |   | First Named Inventor   | Tsu-Jae King, et al |
|                                                                                                                                         |   | Art Unit               | 2815                |
|                                                                                                                                         |   | Examiner Name          | Unknown             |
| Total Number of Pages in This Submission                                                                                                | 3 | Attorney Docket Number | SYN-0419CON3        |

| ENCLOSURES (check all that apply)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment / Response<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input checked="" type="checkbox"/> Statement Under 37 CFR 3.73(b)<br><input type="checkbox"/> Change In Entity Status<br><input type="checkbox"/> Request for Refund | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Additional Enclosure(s) (please identify below): |
| Remarks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                 |

| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT |                                                                                              |
|-------------------------------------------|----------------------------------------------------------------------------------------------|
| Firm or Individual name                   | Jeanette S. Harms, Reg. No. 35,537,<br>BEVER, HOFFMAN & HARMS, LLP<br>(Customer No. 035273). |
| Signature                                 |           |
| Date                                      | December 15, 2004                                                                            |

| CERTIFICATE OF TRANSMISSION (37 C.F.R. 1.8(a))                                                                                            |                                                                                     |      |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-------------------|
| I hereby certify that, on the date shown below, this correspondence is being transmitted by facsimile to the Patent and Trademark Office. |                                                                                     |      |                   |
| Typed or printed name                                                                                                                     | Patricia Tate                                                                       |      |                   |
| Signature                                                                                                                                 |  | Date | December 15, 2004 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

RECEIVED  
CENTRAL FAX CENTER

DEC 15 2004

Practitioner's Docket No. SYN-0419CON3

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Tsu-Jae King, et al

Application No.: 10/760,090

Group No.: Unknown

Filed: January 15, 2004

Examiner: Unknown

For: "CMOS Process Compatible, Turnable Negative Differential Resistance (NDR) Device And Method Of Operating Same"

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

STATEMENT UNDER 37 C.F.R. § 3.73(b)—  
ESTABLISHING RIGHT OF ASSIGNEE TO TAKE ACTION

1. The assignee(s) of the entire right, title and interest hereby seek(s) to take action in the PTO in this matter.

## IDENTIFICATION OF ASSIGNEE

2. Name of assignee: Progressant Technologies, Inc.  
Type of assignee: Corporation

## PERSON AUTHORIZED TO SIGN

3. Name of person authorized to sign on behalf of assignee: Rex S. Jackson  
Title of person authorized to sign: President

I, the person signing below, state that I am empowered to sign this statement on behalf of the assignee.

## BASIS OF ASSIGNEE'S INTEREST

Ownership by the assignee is established as follows:

1. An assignment from the inventor(s) of the matter identified above, which was recorded in the PTO at Reel 014926, Frame 0849.


  
Rex S. Jackson, President

Date: 12/15/04

Reg. No.: 35537

Tel. No.: 1-408-451-5907

Customer No.: 35273

  
Signature of Practitioner  
Jeanette S. Harms  
Bever, Hoffman & Harms, LLP  
2099 Gateway Place, Suite 320  
San Jose, CA 95110-1017